

41100 MURRAY, Joseph F
 RILES, Roger A
 41100 CASTLOW, Aaron
 41100 YAMAMOTO, Hirohisa

41.6 - Methods for Detection and Treatment of Disease Related to Glyco-Enzymes
41.60 - 97,186-1

144

142

- 195 -

Patentir. Ver. 3.0

2. INFORMATION FOR SEQ ID NO:1:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

P: TEE: nucleic acid

(1) STEAM-EDNESS: single

TOPOLOGY: linear

GENOME TYPE: DNA

(1X) FEATURE:

(A) NAME/KEY: Mac's feature

LOCATION: 1.00

LOCOTHEF INFORMATION: alpha2,3-ST sense primer

(X1) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CTGGACTCTA AACTGCTGC

(3) INFORMATION FOR SEQ ID NO:2:

(1) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 17 base pairs

(E) TYPE: nucleic acid

(C) STRANDEDNESS: single

(DETOPOLOGY: linear

(1) MOLECULE TYPE: DNA

(43) FEATURE:

(A) NAME/KEY: misc feature

(F) LOCATION: 1..17

(E) OTHER INFORMATION: alpha2,3-ST antisense primer

(x1) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CPCAGABACT TBTG60

(4) INFORMATION FOR SEQ ID NO:3:

(1) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 22 base pairs

(F) TYPE: nucleic acid

(*) STRAINEDNESS: single

(F) TOPOLOGY: linear

(21) MOLECULE TYPE: DNA

11X: REACTIF:

(A) NAME/KEY: misc feature

• LOCATION: 1.122

(1) OTHER INFORMATION: FAK sense primer
 (x1) SEQUENCE DESCRIPTION: SEQ ID NO:3:

ATGGCAGCTG CTTACCTTGA CC

22

5

(2) INFORMATION FOR SEQ ID NO:4:

(1) SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

10

(2) STRANDEDNESS: single

(3) TOPOLOGY: linear

(4) MOLECULE TYPE: DNA

ix FEATURE:

A NAME/KEY: misc feature

15

E LOCATION: 1..17

(5) OTHER INFORMATION: 21-mer

(x1) SEQUENCE DESCRIPTION: SEQ ID NO:4: FAK antisense primer

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21

20

<111> 5

<112> 1128

<113> RNA (2,3 DNA)

<114> Homo sapiens

25

<400> 5

30

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<111> 375

<112> Polypeptide (2,3 protein)

<113> Homo sapiens

<400> 6 (2,3 protein)

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5
 -210- 8
 -211- 375

-211- DNA (HexB DNA)
 -211- Homo sapiens

10
 -400- 8

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-210- 8
 -211- 516
 -212- Polypeptide (HexB polypeptide)
 -213- Homo sapiens

-400- 8

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 FTQVQLIVS ITLQSECFAP PNISSESYT LIVKEPVAVL FANFVWGALF GLETFSQLVY 130
 LQSGTFTIN ESTIILSPRF SHEGILIDTS RHYLPVFIIIL FTLIAMAFNF FNVLHWHIVD 240
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GQKDLITPCY SRQNKLDSEF PINETLNTTY SFLTTFEKEI SEVFPCQFIH LGSDEVEFKD 360
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 VENVHISAYP EELSFVTASS FVILSAPWY LDLSYBQDW PKYYKVEPLD FGGIQKQKQL 440
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 5 IAAQFLYAGY CNHENM 516

#110: 9
 #111: 1987

10 #112: DNA (Fuco DNA)
 #113: Homo sapiens

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 50 aagcccaaaa attcgtatg tttacagtga taatattaag aaaatgaatg tgattctgct 1920
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#110: 10
 #111: 461

55 #112: Polypeptide (Fuco polypeptide)

<213> Homo sapiens

<400> 12

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AASAFYVWLT TTHHEGFTNW FSPVSWNWNH KDVGPHRDLV GELGTALRFP NIFYGLYHSL 180
LEWFRPLYLL DKENGFFTH FVSAFTMPEL YDLVNSYFPD LIWSIGEWFO PNTYWNSTNF 240
LSWLWNLCEV KDEVVVNDFW GPNSSCHHG3 YNCEDEKFKP QSLPIHWEM CTSIKESWS 300
10 YSFIMALNDV TESEHISEL VITVCLGGNY LLNIGPTFUS LIVPIFLERL LAVGKWLGIN 360
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<212> SNA (Slex-T)
<213> Homo sapiens

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25 gatcacagt ctccccagga aactcgtgc ctgctgagaa acatgctcag caagtcacgc 180
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<111> 329

<212> Polypeptide (Slax-7)
 <213> Homo sapiens

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 NWHFLPNSSL GLAINFYDVV IFLNNAPVAG YEGINGSKTT MFLFYPERAH FDEKVENNPD 180
 TLIVLVAFYA MIFHWIETIL SDKRPVPPGF WKQFPLINDV NIKIIPILNF FFMETAAIKL 240
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 10 AESSHNVSDE ALAIFPMLEN SAHNLTDF 320

<212> 13
 <213> 1977
 15 <212> DNA (GAT-1)
 <213> Homo sapiens

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20 213 Homo sapiens

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 <113> Homo sapiens

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30
 3110 - 19
 3111 -
 3112 - Polypeptide (GnT-V)
 3113 - Homo sapiens

3400 - 18

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45
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 2111 - 2956
 2112 - DNA (rat $\alpha 2,6$ -ST)
 2113 - Rat

3400 - 19

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45

1010-10

1011-101

1012- Polypeptide (rat α_1 -ST)

50

1013- Rat

1014-10

55

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